

Melanie A Ehudin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tuning the Geometric and Electronic Structure of Synthetic High-Valent Heme Iron(IV)-Oxo Models in the Presence of a Lewis Acid and Various Axial Ligands. <i>Journal of the American Chemical Society</i> , 2019, 141, 5942-5960.	13.7	54
2	Enhanced Rates of C-H Bond Cleavage by a Hydrogen-Bonded Synthetic Heme High-Valent Iron(IV) Oxo Complex. <i>Journal of the American Chemical Society</i> , 2019, 141, 12558-12569.	13.7	39
3	Ligand Identity-Induced Generation of Enhanced Oxidative Hydrogen Atom Transfer Reactivity for a $\text{Cu}(\text{O}_2^{\text{acac}})$ Complex Driven by Formation of a $\text{Cu}(\text{O}^{\text{acac}}\text{OOH})$ Compound with a Strong O-H Bond. <i>Journal of the American Chemical Society</i> , 2019, 141, 12682-12696.	13.7	28
4	Amphiphilic BODIPY-Hydroporphyrin Energy Transfer Arrays with Broadly Tunable Absorption and Deep Red/Near-Infrared Emission in Aqueous Micelles. <i>Journal of Organic Chemistry</i> , 2017, 82, 6054-6070.	3.2	21
5	Formation and Reactivity of New Isoporphyrins: Implications for Understanding the Tyr-His Cross-Link Cofactor Biogenesis in Cytochrome <i>c</i> Oxidase. <i>Journal of the American Chemical Society</i> , 2019, 141, 10632-10643.	13.7	21
6	Influence of intramolecular secondary sphere hydrogen-bonding interactions on cytochrome <i>c</i> oxidase inspired low-spin heme- μ -peroxo-copper complexes. <i>Chemical Science</i> , 2019, 10, 2893-2905.	7.4	20
7	Spin Interconversion of Heme-Peroxo-Copper Complexes Facilitated by Intramolecular Hydrogen-Bonding Interactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 4936-4951.	13.7	13
8	Mechanistic Basis for In Vivo Therapeutic Efficacy of CK2 Inhibitor CX-4945 in Acute Myeloid Leukemia. <i>Cancers</i> , 2021, 13, 1127.	3.7	12
9	Progress towards synthetic chlorins with graded polarity, conjugatable substituents, and wavelength tunability. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 547-572.	0.8	10
10	Unprecedented direct cupric-superoxo conversion to a bis- μ -oxo dicopper(III) complex and resulting oxidative activity. <i>Inorganica Chimica Acta</i> , 2019, 485, 155-161.	2.4	4
11	DJ4 Targets the Rho-Associated Protein Kinase Pathway and Attenuates Disease Progression in Preclinical Murine Models of Acute Myeloid Leukemia. <i>Cancers</i> , 2021, 13, 4889.	3.7	4
12	Regulation of Heterochromatin Landscape in T-Cell Acute Lymphoblastic Leukemia. <i>Blood</i> , 2021, 138, 2217-2217.	1.4	0
13	DJ4 Targets Rho-associated Protein Kinase Pathway and Attenuates Disease Progression in Pre-clinical Murine Models of Acute Myeloid Leukemia. <i>Blood</i> , 2021, 138, 3350-3350.	1.4	0